

Google scholar

runtime virtual machine monitor

Search

Advanced Scholar Search

Scholar Articles and patents

▼

anytime

▼

include citations

▼

✕

Create email alert

Results 1 - 10 of about 35,000. (0.20 sec)

ReVirt: Enabling intrusion analysis through virtual-machine logging and replay

GW Dunlap, ST King, S Chari, MA Basrai, ... ACM SIGOPS ... 2002 - portal.acm.org

... **virtual machine monitor (VMM)** host platform ... A **virtual-machine monitor (VMM)** is a layer of software that emulates faithfully the hardware of a complete computer system (Figure 1) [Goldberg74]. The abstraction created by the **virtual machine monitor** is called a **virtual machine**. ...

Cited by 433 - Related articles - Bl. Direct - All 32 versions

[\[PDF\] from psu.edu](#)**(PDF) A virtual machine introspection based architecture for intrusion detection**

T Garfinkel, M Rosenblum - Proc. Network and Distributed Systems ... 2003 - Citeseer

... In our prototype system we sought to manage this overhead by only trapping events that would imply definite misuse (eg modification of sensitive memory that should never change at runtime). ... **Virtual Machine Virtual Machine Monitor** callback or Response Policy Modules ...

Cited by 382 - Related articles - View as HTML - All 48 versions

[\[PDF\] from psu.edu](#)**Terra: A virtual machine-based platform for trusted computing**

T Garfinkel, B Pfaff, J Chow, M Rosenblum, ... ACM SIGOPS ... 2003 - portal.acm.org

... Terra achieves this synthesis by use of a **trusted virtual machine monitor (TVM)** that partitions a tamper-resistant hardware platform into multiple, isolated **virtual machines (VM)**, providing the appearance of multiple boxes on a single, general-purpose platform. ...

Cited by 534 - Related articles - Bl. Direct - All 96 versions

[\[PDF\] from psu.edu](#)**VMplants: Providing and managing virtual machine execution environments for grid computing**

I Krsul, A Ganguly, J Zhang, JAB Fortes, ... Proceedings of the ... 2005 - ieeeexplore.ieee.org

... clone" and instantiate a VM environment efficiently, and to **monitor VM instances at run-time**. This paper presents the VMPlant middleware for flexible VM customization and efficient cloning through a service-oriented architecture. VMPlant handles **virtual machine** creation and ...

Cited by 175 - Related articles - All 28 versions

[\[PDF\] from psu.edu](#)**The architecture of virtual machines**

JE Smith, R Nair - Computer, 2005 - ieeeexplore.ieee.org

... The virtualizing software that implements a process VM is often termed the **run-time**, short for "runtime software." The virtualizing software in a system VM is typically referred to as the **virtual machine monitor (VMM)**. Figure ...

Cited by 120 - Related articles - All 18 versions

(PDF) The Jalapeno virtual machine

B Alpem, CR Allamasetti, JJ Barton, MG Burke, P ... IBM Systems ... 2006 - ca.ucsb.edu

... A reference to this array is maintained in a dedicated **machine register** (the JTOC register); this mechanism allows **run-time** access to fields (given their names and types) and **run-time** invocation of ... However, other **virtual processors** can put threads on this queue, so access to it is ...

Cited by 120 - Related articles - View as HTML - Bl. Direct - All 21 versions

[\[PDF\] from ucsc.edu](#)**(HTML) Antfarm: Tracking processes in a virtual machine environment**

ST Jones, AC Arpano-Duaseau, RH Arpano, ... Proceedings of the ... 2006 - usenix.org

... operating systems shows that it can accurately infer process events while incurring only a small 2.5% **runtime** overhead in the ... As virtualization becomes prevalent, the **virtual machine monitor (VMM)** naturally supplants the operating system as the primary resource manager for a ...

Cited by 89 - Related articles - Cited by - All 13 versions

[\[HTML\] from usenix.org](#)**A case for grid computing on virtual machines**

RJ Figueiredo, PA Dinda, JAB ... Computing Systems, 2003 ... 2003 - ieeeexplore.ieee.org

... at instantiation time. It is also possible to implement mechanisms to limit the amount of resources utilized by a VM at **run-time** by implementing scheduling policies at the level of the **virtual machine monitor**. Unlike typical multi ...

Cited by 342 - Related articles - Bl. Direct - All 24 versions

[\[PDF\] from psu.edu](#)**(PDF) Retrace: Collecting execution trace with virtual machine deterministic replay**

MXVMJ Sheldon, GVB Weissman - ... of the Third Annual Workshop on ... 2007 - Citeseer

... Each benchmark is run 5 times and the average **runtime** is compared. ... In conclusion, ReTrace is a trace collection tool based on VMware's **virtual machine monitor** and deterministic re-play. ReTrace has extremely low **run-time** overhead and high trace file compression ratio. ...

Cited by 39 - Related articles - View as HTML - All 13 versions

[\[PDF\] from psu.edu](#)**(PDF) picoJava-I: The Java virtual machine in hardware**

Jit O'Connor, M Tremblay - IEEE Micro, 1997 - ieee.org

... original instruction resolves which method or field is correct for the current **runtime** environment. ... Consequently, each **monitor** must also keep track of the number of times the current ... The **virtual machine** provides substantial leeway for the memory management implementation. ...

Cited by 155 - Related articles - View as HTML - Bl. Direct - All 14 versions

[\[PDF\] from umd.edu](#)[✉ Create email alert](#)

Google
Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

runtime virtual machine monitor

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2010 Google